

SECTION VI.—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

Austria-Hungary. Hydrographisches Amt der K. und K. Kriegsmarine in Pola.

Jahrbuch der meteorologischen, erdmagnetischen und seismischen Beobachtungen. Neue Folge, 19. Band. Beobachtungen des Jahres 1914. Pola. 1915. xxxix, 161 p. 35 cm.

Batavia. Koninklijk magnetisch en meteorologisch observatorium. Regenwaarnemingen in Nederlandsch-Indië, 1913. Deelen 1 & 2. Batavia. 1914. 2v. 26½ cm. [Part 2 contains rainfall normals for 1879-1913.]

Bates, D. C. Meteorology of New Zealand. Wellington. 1915. 24 p. 21 cm. (Extract from "The New Zealand year-book.")

Bigelow, Frank H. A meteorological treatise on the circulation and radiation in the atmospheres of the earth and of the sun. New York, etc. 1915. xi, 431 p. 23½ cm.

Braak, C. Drachen-, Freiballon-, und Fesselballon-Beobachtungen [in Niederländisch Ost-Indië, 1912/1914]. Batavia. 1915. 58 p. plate. 27 cm. (Koninklijk magnetisch en meteorologisch observatorium te Batavia. Verhandelingen no. 3.)

Chile. Servicio sismológico. XI boletín. Memorias por Don Fernando de Montessus de Ballore. Santiago-Valparaiso. 1915. 370 p. 27 pl. 25½ cm.

Goodnough, X. H. Rainfall in New England. n. p. 1915. 237-438 p. plates. 23½ cm. (Reprinted from Journal of the New England water works association, v. 29, no. 3.)

Housden, C. E. Is Venus inhabited? London, etc. 1915. 39 p. 18½ cm. [Contains a detailed discussion of the meteorology of Venus.]

India. Meteorological department. Report on the administration of the Department in 1914-15. [Simla. 1915.] 15 p. diagr. 33½ cm.

Hall, Maxwell. A report on the hurricane in Jamaica, August 12th and 13th, 1915. Kingston. 1915. 11p. plates. 33½ cm. (Jamaica. Meteorological service. Publication] no. 446.)

Klotz, Otto. Earthquake of February 10, 1914. Ottawa. 1915. 14 p. plate. map. 29½ cm. (Publications of the Dominion observatory, Ottawa, vol. 3, no. 1.)

Neuchâtel. Observatoire cantonal. Observations météorologiques faites en 1913. Neuchâtel. 1915. [58] p. 20½ cm. (Annexe au Rapport du directeur de l'Observatoire pour l'année 1913.)

Prussia. Königliches meteorologisches Institut. Aspirations-Psychrometer-Tafeln. 2. erweiterte Auflage. Braunschweig. 1914. xiv, 123 p. 32 cm.

Reed, William Gardner. Rainfall data of Berkeley, California [1887-1914]. Berkeley. [1915.] 69-81 p. 27 cm. (University of California publications in engineering, v. 1, no. 5.)

Romo, B. Determinacion de las constantes de los anemometros en el Valle de México. México. 1914. 3 p. plates. 33 cm. ([Publication of the] Observatorio meteorológico central de México.)

Tippenhauer, L. G. Die elektromagnetische Theorie des Wetters. 1. Theil. Die astronomisch exakte Vorausberechnung des Auftretens von Gewittern. Der erste wissenschaftliche Beweis von der durchschlagenden Einwirkung des Mondes auf die Gestaltung des Wetters. Port-au-Prince. 1915. vii, 74 p. plates. 29½ cm.

Tschaplowitz.

Über Feuchtigkeitsmessung der Luft. Leipzig. 1915. 193-218 p. 23 cm. (S.-A. aus der Zeitschrift für Hygiene und Infektionskrankheiten, 80. Bd., 1915.)

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

American journal of science. New Haven. 4 ser. v. 40. November, 1915.

Engeln, O[scar] D[iedr.] von. Experimental studies and observations on ice structure. p. 449-473.

Engineering news. New York. v. 72. Nov. 18, 1915.

Goodnough, X. H. A century rainfall record at New Bedford, Mass. p. 1014-1016.

Royal meteorological society. Quarterly journal. London. v. 41. October, 1915.

Mill, Hugh Robert, & Carter, H. E. The wet winter of 1914-1915. p. 253-284.

Clark, J. Edmund. Report on the phenological observations from December 1913 to November 1914. p. 285-314.

Turner, H. H. Discontinuities in meteorological phenomena. p. 315-336.

Harding, Charles. Battle weather in western Europe, 9 months, August 1914 to April 1915. p. 337-346.

Professor A. J. Herbertson. p. 351. [Obituary.]

Sir John Knox Laughton. p. 351-352. [Obituary.]

Scottish geographical magazine. Edinburgh. v. 31. September, 1915.

Cossar, J. Obituary: Professor A. J. Herbertson. p. 486-490.

Seismological society of America. Bulletin. Stanford University. v. 5. September, 1915.

McAdie, Alexander. President's address, meeting of the Seismological society of America, Stanford university, Cal., August 4, 1915. p. 121-129.

Beal, Carl H. The earthquake in the Imperial Valley, Cal., June 22, 1915. p. 130-149.

Montessus de Ballore, [Fernand] Comte de. A problem in seismological geology: on the seismogenic influence of parallel shelf-faults. p. 150-154.

Symons's meteorological magazine. London. v. 50. October, 1915.

Colonel Michael Foster Ward. 1826-1915. p. 137. [Obituary.]

Pettersson, Hans. On weather forecasts and the temperature predictions of Strömberg. p. 141-145.

Terrestrial magnetism and atmospheric electricity. Baltimore. v. 20. September, 1915.

Swann, W. F. G. On the origin and maintenance of the earth's charge. Part 1. p. 105-126.

Washington academy of sciences. Journal. Washington. v. 5. November 19, 1915.

Peters, O. S. Protection of life and property against lightning. p. 625-628.

Académie des sciences. Comptes rendus. Paris. Tome 161. 5 juillet 1915.

Ziller. Coups de foudre sur les lignes télégraphiques. p. 6-7.

Belgium. Ministère des colonies. Bulletin agricole du Congo Belge. Londres. v. 5. Décembre 1914.

Repartition mensuelle des pluies au Congo belge. p. 677-682. [Charts.]